

## **ABSTRACT**

An improved boot for use in sealing a constant velocity joint and ball spline joint assembly includes a plurality of articulating convolutes, a grease catching member, and a first stabilizing member adapted to ride above an inner race of the ball spline joint to join the plurality of articulating convolutes and the grease catching member and provide stability at high speed. The boot further includes a plurality of plunging convolutes and a second stabilizing member adapted to ride above an outer race of the ball spline joint to join the plurality of plunging convolutes and the grease catching member and provide additional stability.